

• Why a new specification for Milling?

Need to improve the milling (grinding) on SHA pavements.

Milling equipment maintenance issues.

Scabbing, delamination issues.

Pavement has been opened to traffic longer than recommended.

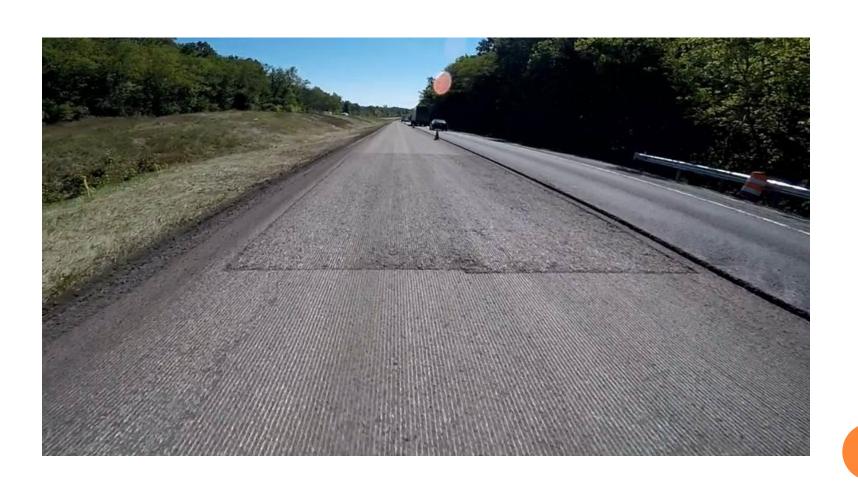
- Test to be used in conjunction with new SP 508
 Milling
- Aka: Sand Patch Test
- Method to improve the quality of milling on SHA pavements
- Three types of milling: Standard, Fine and Micro
- Also can be used for Finished Pavement

- Pavement Design will determine the type of milling required and cite it in the IFB.
- Most will be Fine Milling.
- Macrotexture testing requirement for Fine Milling will be a minimum average diameter of 10".
- Once in all contracts, this will replace 509 Grinding.

 MSMT 413 uses a volumetric approach of measuring pavement macrotexture: A known volume of glass beads is spread evenly over the pavement surface to form a circle, filling the surface voids with glass beads.

 The diameter of the circle is measured on four axes and the value averaged. This value is then used to calculate the mean texture depth (MTD).

QUESTIONS?



 http://www.dot.state.wy.us/home/engineering_technical_pr ograms/materials--testing/materials_testing_manual/video---respecting-and-protecting-wyomings-enviromonment-1.html